

New Claims (Attorney Docket No. Mo 5092/LeA 31 778)

28. (New) A peptide comprising a sequence of 8 to 35 amino acids which corresponds to a partial sequence from the non-structural protein region of FMDV, wherein said peptide has been selected through immunoreactivity with FMDV-specific antibodies or through immunoreactivity with FMDV-specific T lymphocytes.
29. (New) A peptide comprising a polypeptide sequence selected from the group consisting of SEQ ID NO. 1 to 15, 23 to 43, and 45 to 48.
30. (New) A method for detecting FMDV infected animals comprising detecting immunoreactivity against a peptide comprising a polypeptide sequence selected from the group consisting of SEQ ID NO. 1 to 15, 23 to 43, and 45 to 48.
31. (New) A method for differentiating vaccinated and infected animals comprising detecting immunoreactivity against a peptide comprising a polypeptide sequence selected from the group consisting of SEQ ID NO. 1 to 15, 23 to 43, and 45 to 48.